

## HAMILTON, BROOK, SMITH &amp; REYNOLDS, P.C.

UTILITY  
PATENT APPLICATION  
TRANSMITTALOnly for new nonprovisional applications under  
37 C.F.R. 1.53(b)

Attorney Docket No.

0050.1587-003

First Named Inventor or  
Application Identifier

Shuguang Zhang

Express Mail Label No.

EV052028106US

Title of  
Invention

SELF-ASSEMBLING PEPTIDE SURFACES FOR CELL PATTERNING AND INTERACTIONS

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification **Total Pages [ 25 ]**  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) **Total Sheets [ 3 ]**  
☐ Fig. of the Drawings for Publication ☐  
☒ No Figure to be Published
4. ☒ Oath or Declaration **Total Pages [12]**
- a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form
  - b. ☐ Paper Copy (identical to computer copy)  
[ ] Pages
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & documents)  
☒ Assignees - 1)Massachusetts Institute of Technology,  
Cambridge, MA  
 2) President and Fellows of Harvard College, Cambridge, MA
8. ☐ Power of Attorney ☐ 37 C.F.R. 3.73(b) Statement
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations  
(3 pgs.)
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard
13. ☐ Small Entity Statement(s)
- 14a. ☐ Foreign Priority Claim under 35 U.S.C. §119 or 365
- 14b. ☐ Certified Copy of Priority Document(s)
15. ☐ Nonpublication Request (check parent application)
16. ☒ Other Remarks/Change of Address Letter;  
copy of pending claims from prior application

17. If a CONTINUING APPLICATION, check appropriate box; supply the requisite information.

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 08/882,415

Prior application information: Examiner: Garcia, M.

Group Art Unit: 1627

The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.

(Add standard Related Applications section with incorporation by reference to specification or update same)

## 18. CORRESPONDENCE ADDRESS

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Signature

Date

February 8, 2002

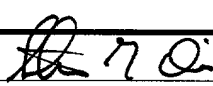
Submitted by  
Typed or Printed Name

Steven G. Davis

Reg. Number

39,652

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>		Attorney Docket Number		0050.1587-003	
		Application Number		Continuation of 08/882,415	
		First Named Inventor		Shuguang Zhang	
CLAIM CALCULATION (includes any preliminary amendment)					
CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS <small>(37 CFR 1.16(c) or (j))</small>	20 - 20* =	0	x \$ 18 =	\$ 0
	INDEPENDENT CLAIMS <small>(37 CFR 1.16(b) or (i))</small>	3 - 3** =	0	x \$ 84 =	\$ 0
	MULTIPLE DEPENDENT CLAIMS (if applicable) <small>(37 CFR 1.16(d))</small>			+ \$ 280 =	\$
				BASIC FEE <small>(37 CFR 1.16(a) or (h))</small>	\$ 740
				Total of above Calculations =	\$ 740
	Reduction by 50% for filing by small entity <small>(37 CFR 1.9, 1.27, 1.28)</small> =				\$
	TOTAL =				\$ 740
	Surcharge - Late Filing of Declaration or Filing Fees <small>(37 C.F.R. 1.16(e))</small> =				\$
	Petition for Extension of Time Fee <small>(37 C.F.R. 1.17)</small> =				\$
	Assignment Recordation Fee = <small>(only when filed with application)</small>				\$
	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent				TOTAL = \$ 740
<p>1. Small entity status:</p> <p style="margin-left: 40px;">a. <input type="checkbox"/> A small entity statement is enclosed.</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> Is no longer claimed.</p> <p>2. <input checked="" type="checkbox"/> A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.</p> <p>3. <input checked="" type="checkbox"/> A check is enclosed for \$740.00.                      <input type="checkbox"/> Please charge \$[    ] to Deposit Account No. 08-0380.</p> <p>4. <input type="checkbox"/> Other: _____</p>					
Signature				Date	February 8, 2006
Submitted by Typed or Printed Name		Steven G. Davis		Reg. Number	39,652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Shuguang Zhang, Alexander Rich, Lin Yan and  
George Whitesides

Continuation Application of

Application No.: 08/882,415

Filed: June 25, 1997

For: Self-Assembling Peptide Surfaces  
for Cell Patterning and Interactions

Date: 2/8/02

EXPRESS MAIL LABEL NO. EV052028106US

REMARKS/CHANGE OF CORRESPONDENCE ADDRESS

Box PATENT APPLICATION

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

The above-captioned application is a continuation of application number 08/882,415, filed on June 25, 1997, to which priority is claimed under 35 U.S.C. §120.

A related applications paragraph has been added as the first paragraph in the specification.

Original Claims 1-21 have been omitted and replaced with new Claims 1-20.

New Claim 1 incorporates the limitations of old Claims 1, 6 and 15. New Claim 1 has also been redrafted for clarity without further limiting the scope of the claim.

New Claim 9 corresponds to cancelled Claim 1 and has been redrafted for clarity without limiting the scope of the claim.

New Claim 17 corresponds to cancelled Claim 18.


20074500-020802

Please send all correspondence in the above-identified continuation application to:  
Customer No. 021005; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box  
9133, Concord, Massachusetts 01742-9133. In addition, please direct all telephone calls to  
Steven G. Davis at (978) 341-0036, and all facsimile communications to (978) 341-0136.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By

  
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Dated:

*February 8, 2002*

0050.1587-003